



Kentucky Agricultural Statistics Service
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KENTUCKY WEEKLY CROP & WEATHER REPORT



Prepared in Cooperation with:
Univ. of Ky - Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

LELAND E. BROWN, State Statistician

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JOC 5-03

AGRICULTURAL NEWS: The week started off cool with temperatures below normal. Rain the end of the week hampered farmers efforts to work in the fields. Temperatures averaged 56 degrees, 4 degrees below normal and 10 degrees below the previous week's average. Rainfall totaled 1.36 inches statewide. **Topsoil moisture**, as of Friday, April 25 was rated 63 percent adequate, and 37 percent surplus. **Subsoil moisture**, was rated 1 percent short, 69 percent adequate, and 30 percent surplus. Days suitable for fieldwork averaged 3.3 out of a possible 7 days.

SMALL GRAINS: As of Friday, April 25 wheat condition was 3 percent poor, 26 percent fair, 50 percent good, and 21 percent excellent. Reports indicate that 9 percent of the wheat crop is headed, 7 percent behind last year and 16 percent behind the average.

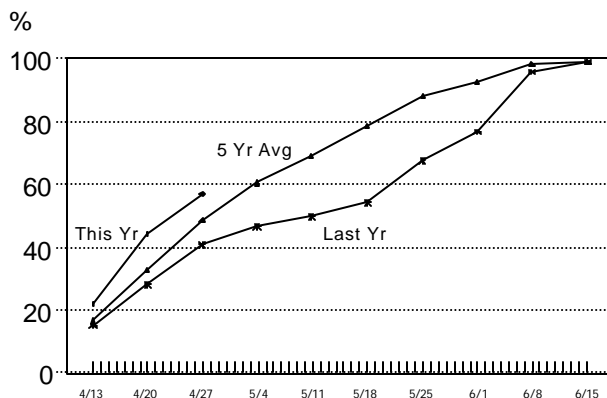
TOBACCO: Plants grown in traditional plant beds were 12 percent, while 88 percent were grown in greenhouses and float beds. As of Friday, April 25

transplants measuring less than 2 inches were 56 percent, 2 to 4 inches were 32 percent and 12 percent were greater than 4 inches.

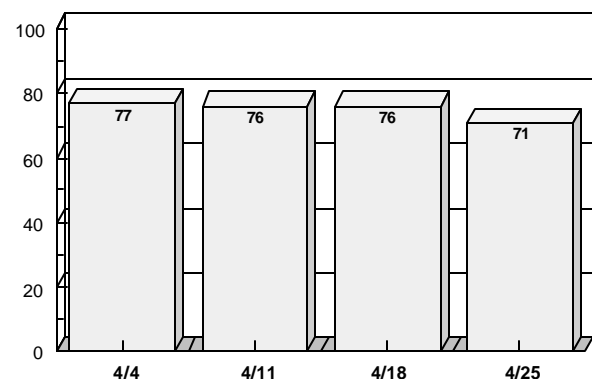
CORN AND SOYBEANS: A few days of dry weather the first of the week allowed some farmers a short window to plant their crops between rain showers. Corn producers have seeded 57 percent of their acres, 16 percent ahead of last year and 9 percent above the average. Corn emerged was 28 percent, 2 percent behind last year and 4 percent above the average. Corn emerged rated 4 percent poor, 28 percent fair, 54 percent good and 14 percent excellent. Soybeans were 2 percent planted, the same as last year and 1 percent below the average.

OTHER CROPS: Pasture condition was rated 1 percent very poor, 3 percent poor, 17 percent fair, 55 percent good, and 24 percent excellent. The expected date of the first alfalfa cutting is May 5. The strawberry crop was 2 percent poor, 23 percent fair, 58 percent good and 17 percent excellent.

CORN PLANTING PROGRESS



WHEAT CONDITION
% Good to Excellent



KENTUCKY CROP PROGRESS

WEEK ENDING APRIL 27, 2003

WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week KY	U.S.
Percentage					
Corn					
Planted	57	41	48	44	12
Emerged	28	30	24	NA	NA
Wheat					
Headed or Heading	9	16	27	NA	10
Soybeans Planted	2	2	3	NA	NA

(NA) Data Not Available.

SOIL MOISTURE

WEEK ENDING APRIL 25, 2003

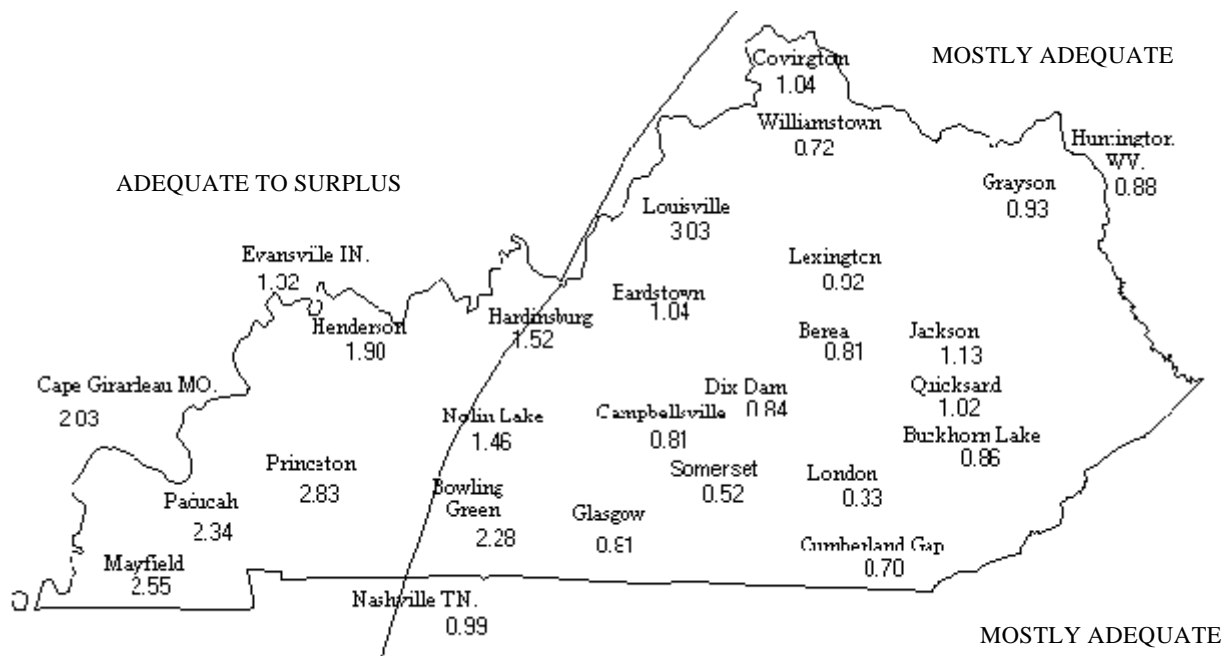
WITH COMPARISONS

	This Week	Previous Week
Percentage		
TOPSOIL		
Very Short	0	0
Short	0	2
Adequate	63	65
Surplus	37	33
SUBSOIL		
Very Short	0	0
Short	1	3
Adequate	69	72
Surplus	30	25

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING APRIL 25, 2003					WEEK ENDING APRIL 18, 2003				
	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT
Corn Emerged	0	4	28	54	14	-	-	-	-	-
Wheat	0	3	26	50	21	1	3	20	48	28
Pasture	1	3	17	55	24	1	4	24	52	19
Strawberries	0	2	23	58	17	-	-	-	-	-

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, APRIL 27, 7:00 P.M.
TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, APRIL 25, 2003



KENTUCKY WEATHER SUMMARY, APRIL 21 - 27, 2003:

ABOVE NORMAL RAINFALL AND BELOW NORMAL TEMPERATURES

The week began with below normal temperatures following the passage of a fairly strong cold front during the previous weekend, leading to highs only in the low 50s on Tuesday, and widespread frost over the northern half of the State on Wednesday morning. Temperatures recovered nicely as the remainder of the week progressed, finally reaching near-normal to above normal levels by the end of the period. A low pressure system, arriving late in the week brought rainfall to the entire State. The rainfall began as early as Thursday afternoon in some parts of far Western Kentucky, but did not spread eastward over the entire State until Friday afternoon, putting the final touches on a storm that left total rainfall accumulations ranging from as much as two inches in northwestern sections of the State, to just over one-tenth of an inch in eastern portions, and finally wrapped up by Saturday morning.

Temperatures for the period averaged 56 degrees across the State which was 4 degrees below normal, and 10 degrees cooler than the previous week. High temperatures averaged from 67 in the West to 67 in the East. Departure from normal high temperatures ranged from 7 degrees below normal in the West to 2 degrees below normal in the East. Low temperatures averaged from 46 degrees in the West to 46 degrees in the East. Departure from normal low temperature ranged from 4 degrees below normal in the West to 2 degrees below normal in the East. Extreme highs and lows for the week were 79 at Campbellsville and 31 at Lexington, respectively.

Rainfall for the period totaled 1.36 inches statewide which was 0.38 inches above normal. Precipitation totals by climate division, West 2.16 inches, Central 1.69 inches, Bluegrass 0.81 inches and East 0.80 inches, which was +1.09, +0.69, -0.13 and -0.12 inches respectively from normal. By station, precipitation totals ranged from a low of 0.33 inches at London to a high of 3.03 inches at Louisville.

Tom Priddy

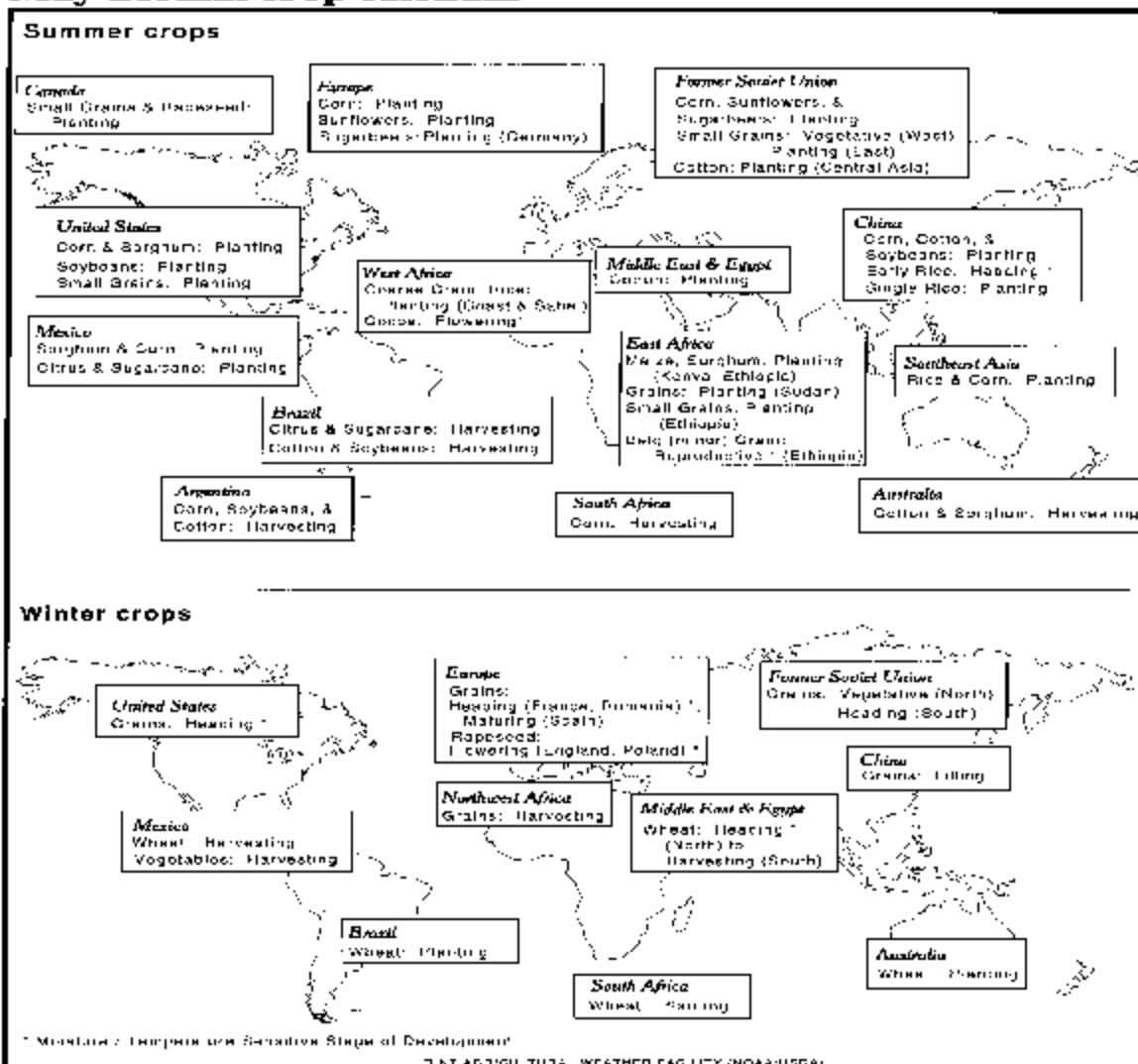
KENTUCKY TEMPERATURES AND RAINFALL

FOR WEEK ENDING SUNDAY, APRIL 27, 7:00 P.M.

Weather Station	Precipitation		Deviation From Normal Since Jan. 1	Temperatures					Air Temp.
	Last Week	Since Jan 1		Soil 4 In. High	Grass Low	Air High	Air Low	Wkly. Avg	Deviation From Normal
(Inches)			(Degrees Fahrenheit)						
Bardstown	1.04	16.91	+2.95	63	55	74	32	56.5	-3
Berea	0.81	16.39	+2.51	67	55	77	35	56.3	-2
Bowling Green	2.28	13.93	-3.01	--	--	73	37	57.9	-2
Bristol	0.77	17.51	+4.17	--	--	74	35	56.9	-1
Buckhorn Lake	0.86	17.62	+2.78	--	--	74	35	56.1	-2
Cape Girardeau	2.03	9.52	-5.72	--	--	73	37	55.6	-6
Campbellsville	0.81	17.90	+1.10	61	55	79	34	58.1	-1
Covington	1.04	8.52	-4.37	--	--	71	31	52.4	-6
Cumberland Gap	0.70	18.38	+1.33	63	56	74	38	57.2	-1
Dix Dam	0.84	14.97	+0.45	--	--	72	33	55.6	-3
Evansville	1.32	12.05	-2.06	--	--	73	37	55.4	-6
Glasgow	0.81	18.18	+0.98	59	55	81	34	59.2	-0
Grayson	0.93	12.66	+0.23	63	56	71	38	55.0	-3
Hardinsburg	1.52	16.38	+0.53	61	56	69	33	54.5	-5
Henderson	1.90	15.97	+1.26	64	59	73	37	56.3	-5
Huntington	0.88	12.52	+0.17	--	--	72	36	55.1	-3
Jackson	1.13	16.32	+1.40	--	--	73	38	55.8	-2
Lexington	0.92	11.30	-2.66	--	--	70	31	54.1	-4
London	0.33	16.86	+1.83	--	--	73	34	56.1	-2
Louisville	3.03	14.67	+0.04	--	--	73	35	54.5	-5
Mayfield	2.55	10.99	-7.34	63	56	72	36	56.1	-6
Nashville	0.99	15.57	-0.62	--	--	76	41	58.8	-1
Nolin Lake	1.46	15.17	-0.93	--	--	72	35	57.1	-2
Paducah	2.34	14.07	-2.53	62	58	76	37	57.3	-4
Princeton	2.83	17.61	+0.12	67	60	76	36	57.4	-4
Quicksand	1.02	16.94	+2.02	72	56	74	34	55.9	-2
Somerset	0.52	18.81	+2.81	63	54	75	34	56.9	-1
Spindletop	0.54	9.86	-4.10	61	50	71	32	53.3	-5
Williamstown	0.72	9.32	-4.43	64	52	75	31	56.2	-2

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>

May normal crop calendar



This release and others can be viewed on the Internet at <http://www.nass.usda.gov/ky/>. For a free E-Mail subscription of the Kentucky Weekly Crop & Weather report, send an E-Mail message to nass-state-releases@news.usda.gov with the following command in the body of the message: **subscribe ky-crop-weather <e-mail address>**. The E-Mail address is optional; leave the address blank unless subscribing for someone else. The default address is where you sent the message from. You would unsubscribe in a similar way but use the word unsubscribe.